Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 19 Oct 2020 until 23:59 on Tuesday 20 Oct 2020

Forecast Issued on Sunday 18 Oct 2020 at 14:29

Confidence: High for occasionally unsettled, but lowering confidence in the detail of worst of the weather as the week progresses.

Headline for Monday 19 Oct 2020: Cloudy with some rain, patchy during morning, then more persistent for afternoon.

Mountain weather hazards on Monday 19 Oct 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Cloudy	Cloudy	Light rain	Light rain	Light rain
Precipitation probability							
40%	60%	20%	10%	20%	60%	70%	40%

Forecast for Monday 19 Oct 2020

Weather: Extensive higher cloud overnight and some patchy light rain. A rather cloudy day however only a few light isolated outbreaks of patchy rain during the morning, while some limited brighter spells appear. Cloud thickening from mid-day, with rain more persistent for the afternoon, perhaps bringing some heavier outbreaks across western ranges. Turning mainly dry through the evening as bases lift again.

Chance of cloud free mountain/hill tops above 600m: 75% during the morning with the extensive cloud mostly above the summits. Becoming 40% during the afternoon as cloud bases lower to 500-700m and thicken.

Visibility: Good falling moderate or poor in rain and very poor in hill fog.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 19 Oct 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 S	17/26 S	19/29 S	19/28 S	23/32 S	21/30 S	23/34 S	25/38 SE	25/37 SE
300	10/17 S	12/20 S	14/22 S	15/22 S	20/29 S	16/25 S	18/30 S	20/32 SE	19/32 SE
Valley	5/15 S	5/17 S	7/19 S	8/19 S	13/25 S	10/22 S	10/25 SE	13/28 SE	14/30 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	7/3	6/2	6/2	8/3	8/3	8/3	7/2	7/2
300	8/6	9/6	8/5	9/6	10/7	10/7	10/6	9/5	9/5
Valley	8/7	8/7	8/7	10/8	11/9	11/9	10/8	10/7	10/6
Freezing Level*	1800m	2000m	2100m	2100m	2100m	2100m	2400m	2100m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions becoming difficult during the afternoon, particularly across western routes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 18 Oct 2020	0.6mm	1mm	2.4mm

Forecast for Tuesday 20 Oct 2020

Weather: A mixed day with showers, which merge to longer periods of rain at times, most lightly early morning and from late afternoon. However also occasionally drier and brighter interludes, chiefly either side of noon.

Maximum wind: South 20-25mph with gusts reaching 35mph over most exposed ridges and summits, gradually easing from mid-day.

Chance of cloud free mountain/hill tops above 600m: 70% through middle of the day, but 25% early and late in the day.

Visibility: Good falling moderate or poor in rain or showers, and very poor in hill fog.

Temperature: **Valleys:** Plus 7 Celsius increasing 17 Celsius during the afternoon
At 600m: Plus 7-9 Celsius
Freezing level: Above summits

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